



USACE - CW CESU Projects by Partner Institutions

<i>Partner Institution</i>	<i>Project Title</i>	<i>FY of Funding</i>	<i>Funding Amount</i>
<i>Project Agreement Number</i>	<i>Mod Notes, Sub Project or New Title</i>	<i>Project Status</i>	
<u>American Bird Conservancy</u>			
W912HZ-13-2-0005/0	Reducing Potential Impacts to Federally-Listed Bird Populations on Rivers and Coasts New Project	13 Completed	\$133,773
W912HZ-13-2-0005/2	Reducing Potential Impacts to Federally-Listed Bird Populations on Rivers and Coasts NCTE	14 Completed	\$0
W912HZ-13-2-0005/3	Reducing Potential Impacts to Federally-Listed Bird Populations on Rivers and Coasts Additional Funds and Time	14 Completed	\$137,786
W912HZ-13-2-0005/5	Reducing Potential Impacts to Federally-Listed Bird Populations on Rivers and Coasts Additional Funds and Time	15 Completed	\$85,955
<i>Total Number of Actions:</i>	4	ABC	\$357,514.00

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<i>Drexel University</i>			
W912HQ-19-C-0056/0	Uptake and bioaccumulation/biomagnification of subsurface-derived PFASs by lotic, warm water food webs New Award	19 Active	\$1,436,515
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<i>Total Number of Actions:</i>	<i>1</i>	<i>DXU</i>	<i>\$1,436,515.00</i>

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<u>George Mason University</u>			
W912HZ-19-2-0047/0	Applied storm and recovery studies as part of the "During Nearshore Event Experiment" (DUNEX); Natural and Natural-Based Coastal Defenses: Closing the gap on the potential protection from marshes in the U.S. East Coast New Award	19 Active	\$199,995
<i>Total Number of Actions:</i>	<i>1</i>	<i>GMU</i>	<i>\$199,995.00</i>

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<i>Indiana University of Pennsylvania</i>			
W912HZ-17-2-0026/0	"An assessment of challenges and opportunities associated with riparian vegetation management on reservoir sediment deltas within the Southwestern United States New Award	17 Completed	\$40,000
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<i>Total Number of Actions:</i>	<i>1</i>	<i>IUP</i>	<i>\$40,000.00</i>

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<i>Pennsylvania State University</i>			
DACA87-01-H-0007/0	Modeling High Frequency Acoustic Energy Aspects of Blast Waves for Blast-Induced Hearing Threshold Shift in Bats New Award	05 Completed	\$44,403
DACA87-01-H-0007/1	Modeling High Frequency Acoustic Energy Aspects of Blast Waves for Blast-Induced Hearing Threshold Shift in Bats Additional Funding & Time	06 Completed	\$20,185
W81EWF-9090-2441/0	Investigation of Low Water crossing and Stream Systems at Fort Riley, KS New	10 Completed	\$30,000
W9126G-18-2-0037/0	A computationally Efficient Spatially Aware Implementation of the Analog Ensemble (AnEn) Technique new award	18 Active	\$34,000
<i>Total Number of Actions:</i>	4	PSU	\$128,588.00

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<i>University of Delaware</i>			
W912HZ-15-2-0028/0	Evaluating State-of-the-art Methods and Modeling Techniques fro Rubble Mound Structure New Award	15 Completed	\$35,000
W912HZ-20-2-0016/0	Coastal Structure Design and Rehabilitation Incorporating Stochastic Risk and Uncertainty New Award	19 Active	\$200,000
W912HZ-20-2-2016/0	Coastal Structure Design and Rehabilitation Incorporating Stochastic Risk and Uncertainty New Award	19 Active	\$200,000
<i>Total Number of Actions:</i>	3	UD	\$435,000.00

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<i>University of Maryland Center for Environmental Science Appalachian Laboratory</i>			
W912HZ-08-2-0008/0	U.S. Army Corps of Engineers - Civil Works Joining Fee for the Chesapeake Watershed (CW) Cooperative Ecosystems Studies Unit (CESU) New	08 Completed	\$10,000
<i>Total Number of Actions:</i>	<i>1</i>	<i>UMCES-AL</i>	<i>\$10,000.00</i>

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<i>University of Maryland Center for Environmental Science Chesapeake Biological Laboratory</i>			
W912HZ-11-2-0046/0	Incorporating Ecosystem Services in Corps of Engineers Project Planning New Award	11 Completed	\$100,000
W912HZ-11-2-0046/1	Incorporating Ecosystem Services in Corps of Engineers Project Planning Additona Funds and time	12 Completed	\$47,000
W912HZ-11-2-0046/2	Incorporating Ecosystem Services in Corps of Engineers Project Planning NCTE	12 Completed	\$0
W912HZ-11-2-0046/3	Incorporating Ecosystem Services in Corps of Engineers Project Planning Additional Funds and Time	13 Completed	\$49,900
W912HZ-11-2-0046/4	Incorporating Ecosystem Services in Corps of Engineers Project Planning NCTE	13 Completed	\$114,850
W912HZ-11-2-0046/5	Incorporating Ecosystem Services in Corps of Engineers Project Planning	14 Completed	\$301,919
W912HZ-11-2-0046/6	Incorporating Ecosystem Services in Corps of Engineers Project Planning NCTE	15 Completed	\$0
W912HZ-15-2-0029/0	Developing Benefit Indicators and Valuation Approaches for Ecosystem Service Evaluations New Award	15 Completed	\$230,000
<i>Total Number of Actions:</i>	8	UMCES-CBL	\$843,669.00

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<i>University of Maryland Center for Environmental Science Horn Point Laboratory</i>			
W912HZ-10-2-0019/0	Beyond Light: Defining Sediment and Water Flow SAVE Habitat Requirement New	09 Completed	\$124,620
W912HZ-10-2-0020/0	Refining Site-Selection Criteria for Restoration of SAV in Mesholice Chesapeake Bay New	09 Completed	\$124,610
W912HZ-10-2-0019/1	Beyond Light: Defining Sediment and Water Flow SAVE Habitat Requirement NCTE	11 Completed	\$0
W912HZ-10-2-0020/1	Refining Site-Selection Criteria for Restoration of SAV in Mesholice Chesapeake Bay NCTE	11 Completed	\$0
<i>Total Number of Actions:</i>	4	UMCES-HPL	\$249,230.00

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<i>University of Maryland Center for Environmental Science Integration and Application Network</i>			
W912HZ-16-2-0033/0	Evaluation of Multi-Year Data Sets to Establish Status and Trends of Environmental Restoration Success New Award	16 Active	\$275,410
<i>Total Number of Actions:</i>	<i>1</i>	UMCES-IAN	\$275,410.00

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<i>University of Maryland College Park</i>			
W912HZ-14-2-0017/0	Identifying Problematic Red Parent Material Soils in the Untied States New Award	14 Completed	\$195,682
W912HZ-19-2-0033/0	Societal Benefits of Engineering with Nature New Award	19 Active	\$25,000
<i>Total Number of Actions:</i>	2	UMCP	\$220,682.00

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<u>University of Mary Washington</u>			
W912HZ-11-2-0040/0	Ecological Monitoring of Paint Branch Fish Passage and Stream Restoration Project New Award	11 Completed	\$39,995
<i>Total Number of Actions:</i>	<i>1</i>	UMW	\$39,995.00

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<i>Virginia Institute of Marine Science</i>			
W912HZ-10-2-0029/1	Large Scale Submerged Aquatic Vegetation (SAV) Restoration Techniques and Technologies: Evaluation of an Aragonite Based System for SAVE Aquaculture NCTE	11 Completed	\$0
W912HZ-18-2-0018/0	Monitoring Oyster Restoration Reefs in the Great Wicomico, Piankatank and Lynnhaven Rivers new award	19 Active	\$194,507
W912HZ-18-2-0018/1	Monitoring Oyster Restoration Reefs in the Great Wicomico, Piankatank and Lynnhaven Rivers NCE	19 Active	\$0
<i>Total Number of Actions:</i>	3	VIMS	\$194,507.00

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<i>Virginia Polytechnic Institute and State University</i>			
W912HZ-19-2-0046/0	Identify and Communicate Coastal Impacts”/“Joint Flood Hazard Analysis of Coincident Riverine and Coastal Flooding on the James River, Virginia New Award	19 Active	\$57,632
W912HZ-20-2-2005/0	Long-term Implications of Coastal Restoration; Impact of Coastal Restoration on Barrier-Island Evolution and Future Flooding New award	19 Active	\$250,000
W912HZ-20-2-0005/0	"Long-term Implications of Coastal Restoration; Impact of Coastal Restoration on Barrier-Island Evolution and Future Flooding." New Award	20 Active	\$250,000
<i>Total Number of Actions:</i>	3	VT	\$557,632.00

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<i>College of William and Mary</i>			
W912HZ-13-2-0004/0	Testing a Potential Water Quality Indicator for Chesapeake Bay New Project	13 Completed	\$85,000
W9126G-15-2-0056/0	Level II HABS//HAER/HAL Documentation of the E4400 Block at Aberdeen Prooving Ground New Award	15 Completed	\$28,777
W9126G-17-2-0044/0	Level I HABS Malcolm Mitchell House New Award	17 Active	\$28,973
<i>Total Number of Actions:</i>	3	W&M	\$142,750.00